



## 77P PORTABLE COMPRESSOR SPORT COMPACT SERIES

PART NO. 00077



### **IMPORTANT:**

It is essential that you and any other operator of this product read and understand the contents of this manual before installing and using this product.

**SAVE THIS MANUAL FOR FUTURE REFERENCE**

**USER MANUAL**



## 77P PORTABLE COMPRESSOR

Please read this instruction manual carefully prior to operating this product. Pay particular attention to the **CAUTION** and **WARNING** statements in this manual. Failure to comply with these instructions could result in personal injury or property damage. Retain these instructions for future reference.

### DESCRIPTION:

This portable oil-less air compressor is designed to operate on 12 volts DC and must be used with a power port that supports 15 amps. The unit comes equipped with an illuminated pressure display, LED work light, deluxe carry bag with bright orange lining for enhanced visibility, and a 3 pc. set of inflation tips. It can be used for inflating tires, sports balls, or topping off pressure for single person tube rafts, air mats, and other uses.

### 77P AMP DRAW WARNING:

Most automotive cigarette lighter/power ports handle up to 15 amps. Some vehicles' power ports may have lower amp ratings. Before purchasing and using this unit, inspect the amp draw limitations of your vehicle's power port. The 77P Portable Air Compressor requires a power port rated for 15 amps. Never replace fuses of higher amp rating beyond the original rating of the circuit. Consult your vehicle's manual for further details.

### IMPORTANT SAFETY INSTRUCTIONS:

**CAUTION:** The compressor has been designed to provide long-term, trouble-free operation. To reduce risk of electrical shock or electrocution and to prevent damage to your compressor, follow these simple guidelines:

1. Do not disassemble. Do not attempt to repair or modify this unit.
2. Never allow children to operate this compressor. Close supervision is necessary when this compressor is being used near children.
3. This compressor will become very hot during and immediately after use. Do not touch any part of this compressor with bare hands, other than the ON/OFF switch and carry handle, during or immediately after use.
4. Provide sufficient cooling time before storing the unit.
5. Never operate the compressor near fire, flammable gas or liquid.
6. There are no user-serviceable parts in this unit, no lubrication is required.
7. Do not pump anything other than atmospheric air.
8. Never use this product while sleepy or drowsy.
9. Be sure the unit's power switch is in the OFF position when not in use.
10. Use only in well ventilated areas.
11. This air compressor is equipped with an Automatic Reset Thermal Protector, and can automatically restart after the thermal protector resets.
12. Always cut off power source when thermal protector becomes activated. After allowing the compressor to cool off for about 30 minutes, you can safely resume usage of the air compressor by turning on the air compressor.
13. The unit should be used only in dry environment. Protect the unit from rain, snow or other sources of moisture.
14. Never carry the air compressor by the hose or power cord.
15. Never point air nozzle towards another person or any part of the body.
16. Inflate items only to their manufacturer's recommendations pressures. Do not leave air compressor running unattended. It could burst tires or other items.

## 77P PORTABLE COMPRESSOR

### FEATURES:

---

1. Illuminated Pressure Display
2. LED Work Light
3. Accessory Power Port Plug
4. 3-Pc. Inflation Tips Kit
5. Deluxe Carry Bag with Bright Orange Lining for Enhanced Visibility
6. Automatic Reset Thermal Overload Protector
7. Piston Type Compressor
8. Oil-Less Design
9. Gearless Direct-Drive Motor
10. Permanently Lubricated Bearings
11. Compact Size for Easy Carrying and Storage
12. High Strength Stainless Steel Valves
13. Anodized Aluminum Alloy Cylinder

### OPERATING INSTRUCTIONS:

---

**CAUTION:** To avoid over inflation, never exceed recommended pressure. Doing so may cause articles to burst and can cause serious bodily injury. Always make sure the Portable Compressor's power cord is uncoiled and fully extended when using your air compressor to avoid overheating the power cord.

#### **INFLATING CARS & MOTORCYCLE TIRES:**

**IMPORTANT:** Engine must be running while using this compressor.

1. The compressor is designed to operate on 12 volts DC. To obtain power, plug the power cord into a 12-volt cigarette lighter socket or other 12-volt power source.
2. Start vehicle's engine to provide charging voltage.
3. Attach the end of the air hose to the tire valve stem.
4. Turn the compressor power switch to ON and begin to inflate tire.
5. When the illuminated pressure display indicates the desired pressure, switch the unit OFF and remove the air hose from the tire valve stem.

#### **FOR ALL OTHER INFLATABLE OBJECTS, INCLUDING BICYCLE TIRES, TOYS, AND SPORTS BALLS:**

**IMPORTANT:** Engine must be running while using this compressor.

1. A selection of inflation tips is provided to fit some inflatable objects. Simply screw the appropriate nozzle into the tip of the air hose.
2. Attach the appropriate nozzle to article to be inflated, start vehicle's engine to provide charging voltage, and turn the power switch to the ON position.
3. When article is inflated to desired firmness, turn the compressor off. Do not over inflate.

**Please Note:** During inflation, due to air velocity, pressure gauge cannot provide accurate pressure readings, to check and verify the actual tire pressure the compressor must be in OFF position.

### MAINTENANCE INSTRUCTIONS:

---

Turn **OFF** and unplug Air Compressor. Your air compressor is equipped with a permanently lubricated, maintenance-free motor. Never try to lubricate the compressor. Use only mild soap and a cloth dampened with hot water to clean plastic parts. Avoid any type of detergents or solvents, which might contain chemicals that could damage plastic portions or painted surfaces of the compressor. All other services should be performed by a qualified person.

## 77P PORTABLE COMPRESSOR

### MODEL 77P SPECIFICATIONS:

---

Part Number:	00077 / 77P
Weight:	5 Lbs. / 2.3 Kgs
Voltage:	12V DC
Max. Amp Draw:	15 Amps
Max. Working Pressure:	80 PSI
Max. Duty Cycle (@ 72°F):	30 Min. @ 30 PSI
Flow Rate @ 0 PSI (13.8 Volts):	1.06 CFM
Dimensions:	7.35" (L) x 3.6" (W) x 5.4" (H)
Ambient Temperature:	-4°F ~ +158°F

### LIMITED WARRANTY:

VIAIR Corporation warrants this product, when properly installed and under normal conditions of use, to be free from defects in workmanship and materials for a period of one year from its original date of purchase. To receive warranty service or repair, please contact VIAIR Corporation.

Returns should be made within one year of the date of purchase, after a Return Goods Authorization (RGA) number has been assigned by VIAIR Corporation. To obtain RGA, fax a copy of your receipt to (949) 585-0188. For complete warranty details, please visit: [www.viaircorp.com/warranty](http://www.viaircorp.com/warranty)

### PLEASE NOTE:

THIS WARRANTY COVERS PRODUCT DEFECTS ONLY; IT DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES AS RESULT OF MISUSE OR ABUSE.



15 EDELMAN • IRVINE, CA 92618  
TEL: (949) 585-0011 • FAX: (949) 585-0188  
[www.viaircorp.com](http://www.viaircorp.com)